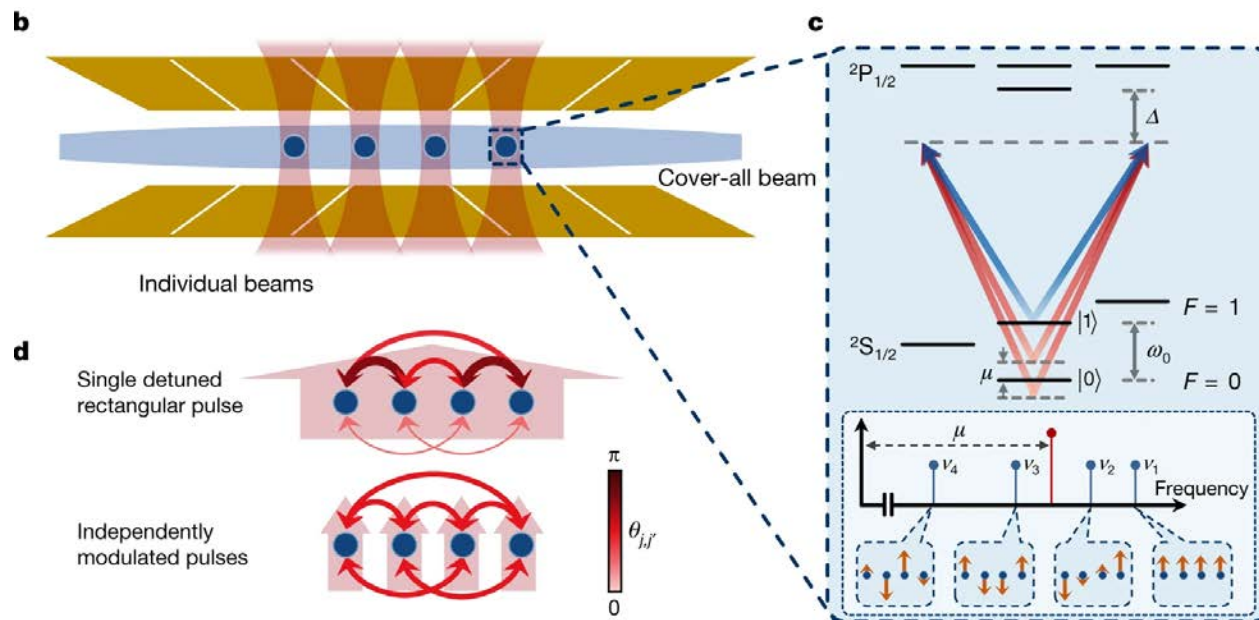


Q&A 1

Q : Why the two red arrows in Fig. c?

A : They used bi-chromatic fields for individual beams. So each individual beam has same frequency with same detuning but different phase each other.





Q&A 2

Q : What is the coherence time of the system?

A : The coherence time is not specified clearly in the paper. However, according to reference, the coherence time for 8-qubit system is 324ms. So we can guess that the coherence time for 4-,3-qubit system is much better than that.

*14-qubit entanglement: creation and coherence, Rainer Blatt et. al. PRL 106, 130506 (2011)